

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	21	(US-20090126745-\$ or US-20090095311-\$ or US-20070267031-\$ or US-20060196518-\$ or US-20050016550-\$ or US-20090188490-\$ or US-20060191546-\$ or US-20050236006-\$ or US-20020175015-\$). did. or (US-4848374-\$ or US-5666977-\$ or US-6443146-\$ or US-6196218-\$ or US-5894841-\$ or US-6357671-\$ or US-5063922-\$ or US-6854470-\$ or US-5964223-\$ or US-4163450-\$). did. or (JP-09075058-\$). did. or (EP-88270-\$). did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/08/31 08:30
L9	2	l8 and barrier	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:30
L10	39	(vapor liquid) near2 (barrier separator divider) same "check valve" and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:33
L11	2	l8 and separator	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:33
L12	0	l8 and divider	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:34
L13	377	(vapo\$r) near1 (barrier separator divider) and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:35
L14	0	(vapo\$r) near1 (barrier separator divider) same processor and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:36

L15	0	(vapo\$r) near1 (barrier separator divider) same cpu and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:36
L16	3	(vapo\$r) near1 (barrier separator divider) same sensor and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:36
L17	7	(liquid) near1 (barrier separator divider) same sensor and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:36
L18	0	(liquid) near1 (barrier separator divider) same processor and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:37
L19	0	(liquid) near1 (barrier separator divider) same cpu and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 08:37
L20	0	vapor near1 liquid near1 barrier same elctonics	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L21	0	vapor near1 liquid near1 barrier same electronics	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L22	0	vapor near1 liquid near1 barrier same eCPU	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L23	0	vapor near1 liquid near1 barrier same CPU	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L24	0	vapor near1 liquid near1 barrier same processor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L25	3	liquid near1 barrier same processor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 08:40
L26	0	l* and diaghphram	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 09:08
L27	0	l8 and diaghphram	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 09:08
L28	0	l8 and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 09:08
L29	3	l8 and pressure near1 sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 09:08
L30	0	l8 and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/31 09:09
L31	78	pressure near1 sensor same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:10

L32	0	pressure near1 sensor same diaphragm and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:10
L33	2	pressure near10 diaphragm and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:10
L34	8151081	pressure near1 sensor near10 diaphragm n	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:12
L35	30	pressure near1 sensor near10 diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:12
L36	3861	pressure near1 sensor same "negative pressure"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:14
L37	47	pressure near1 sensor near5 "negative pressure chamber"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:15
L38	0	pressure near1 transducer near5 "negative pressure chamber"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:17
L39	6	pressure near1 transducer same "negative pressure chamber"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:17
L40	0	pressure near1 transducer same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:18
L41	69	pressure near1 transducer same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/31 09:18
S1	27	electronic near1 cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 14:35
S2	55	electronic near1 cigarette or e\$cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 14:36
S3	99	electronic near1 cigarette or e\$cigarette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/09 14:36

S4	13	("20040154630"   "20040200493"   "20050016550"   "20060185687"   "20060196518"   "20060254604"   "4771796"   "5269327"   "5611360"   "5893371"   "5988176"   "7216652"   "7231923").PN. OR ("D590988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/09 14:45
S5	1439	atomizer and drug near delivery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/09 15:04
S6	98	atomizer and drug near delivery and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/09 15:06
S7	1	"4848374".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 14:29
S8	5	((L/I) near2 (HON)). INV.	EPO; JPO; DERWENT	OR	OFF	2009/07/20 14:32
S9	78	smokeless near2 cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 14:37
S10	1	Pu and Danming and cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 15:46
S11	9	("5269327"   "5591368"   "5613505"   "5666977"   "5692525"   "5845649"   "5865185"   "6125853"   "6155268").PN. OR ("6854470").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 15:47
S12	0	atomizer and nicotine and cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 15:50
S13	57	atomizer and nicotine and cigarette	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 15:50
S14	7	((L/I) near2 (HON)). INV.	US-PGPUB; USPAT	OR	OFF	2009/08/03 12:15
S15	1	"6854470".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/03 12:23
S16	9	("5269327"   "5591368"   "5613505"   "5666977"   "5692525"   "5845649"   "5865185"   "6125853"   "6155268").PN. OR ("6854470").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/03 12:26

S17	0	"131".clas. and cigarette and atomizer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/03 13:46
S18	46	"131".clas. and cigarette and atomizer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/03 13:46
S19	59	cigarette same (atomizer atomization)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:24
S20	37	nebulizer and sensor and atomizer and shell	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:36
S21	0	nebulizer and sensor and atomizer and shell and negative near2 pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:36
S22	32	nebulizer and sensor and atomizer and shell and pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:37
S23	0	sensor and atomizer and shell and pressure and pizeoelectric	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:38
S24	213	sensor and atomizer and shell and pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:38
S25	14	sensor and atomizer and shell and negative near2 pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:38
S26	217	sensor and atomizer and shell and liquid	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:39
S27	2	sensor and (atomizer or atomization) and shell and liquid and vent and mouthpiece	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:40
S28	93	sensor and (atomizer or atomization) and shell and liquid and vent	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:42
S29	13	sensor and (atomizer or atomization) and shell and liquid and vent and medicine	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:45
S30	1	"5261601".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 10:53
S31	28	"6443146"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 12:31
S32	1	"6443146".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 12:31

S33	53	("3863630"   "4294407"   "4301093"   "4632311"   "4877989"   "5038769"   "5134993"   "5152456"   "5186164"   "5261601"   "5452711"   "5485828"   "5487378"   "5522386"   "5529055"   "5601235"   "5694919"   "5724957"   "5823428"   "5829434"   "5881716"   "5894841"   "5970974"   "6062212"   "6131570"   "6196218").PN. OR ("6443146").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/12 12:31
S34	4	S33 and cigarette	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/12 12:35
S35	2	electronic near2 (cigarette or e \$cigarette) and vapor near1 liquid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 13:47
S36	4	electronic near2 (cigarette or e \$cigarette) and vapor near2 liquid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 13:47
S37	18	(atomizer piezoelectric atomization) and vapor near2 liquid near2 barrier	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:22
S38	857	(atomizer piezoelectric atomization) and cigarette and (liquid solution)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:23
S39	299	(atomizer piezoelectric atomization) and cigarette and (liquid solution) and sensor	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:23
S40	485	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:33
S41	472	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor not S39	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:33

S42	367	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:34
S43	2	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and separator not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:35
S44	367	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:37
S45	336	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and (inlet vent valve passage) not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:39
S46	37	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and (inlet vent valve passage) and hall	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:39
S47	0	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and (inlet vent valve passage) and "hall device"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:39
S48	1	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and (inlet vent valve passage) and "reed switch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:40
S49	199	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor and (battery cell) and (breath\$4) not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:45

S50	172	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and sensor same (pressure diaphragm) and (battery cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:51
S51	233	(atomizer piezoelectric atomization) and inhaler and (liquid solution) and (nicotine cigarette) and (battery cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/12 15:58
S52	114676	("4945929"   "5080114"   "5743251"   "5894841"   "5095921"   "5322075"   "5666978"   "6040560"   "6196218"   "6854461")".PN"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 16:08
S53	470	("4945929"   "5080114"   "5743251"   "5894841"   "5095921"   "5322075"   "5666978"   "6040560"   "6196218"   "6854461")".PN."	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 16:08
S54	10	("4945929"   "5080114"   "5743251"   "5894841"   "5095921"   "5322075"   "5666978"   "6040560"   "6196218"   "6854461").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/12 16:08
S55	0	A211/22.ipc.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 11:46
S56	5	A24F1/22.ipc.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 11:46
S57	72	A24F1/\$.ipc.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 11:47
S58	2243	A24F\$.ipc.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 11:52
S59	4534	A24F\$.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 11:52
S60	64	A24F\$.ipc. and (piezoelectric atomiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 11:52



S61	64	A24F\$.ipc. and (piezoelectric atomiz\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:05
S62	64	A24F\$.ipc. and (piezoelectric atomiz \$10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:05
S63	0	A24F\$.ipc. and (piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:05
S64	0	A24F\$.ipc. and (piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:06
S65	40	A24F\$.ipc. and (piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:06
S66	417	(piezoelectric) and nicotine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:08
S67	195	(piezoelectric) and nicotine and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:08
S68	0	WO00/49901	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:16
S69	222	(piezoelectric) and nicotine not S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:28
S70	1	Sottera and cigarette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:38
S71	0	scotsdale and cigarette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:41
S72	93	scottsdale and cigarette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:41
S73	8	scottsdale and "131". das.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 12:42

S74	0	crown7 and "131".clas.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/19 12:55
S75	46	MacDonald and "131". clas.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/19 12:55
S76	0	MacDonald and e \$cigarette	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/19 12:56
S77	28	e\$cigarette	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/19 12:56
S78	174	("4934358"   "4966579"   "4987861"   "5156776"   "5284133"   "5511726"   "5685485").PN. OR ("5894841").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/08/19 13:02
S79	2570	(piezoelectric) and (inhaler atomization)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:13
S80	737	(piezoelectric) and (inhaler atomization) and pressure and sensor	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:14
S81	352	(piezoelectric) and (inhaler atomization) and pressure and sensor and battery	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:14
S82	142	(piezoelectric) and (atomization) and pressure and sensor and battery	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:14
S83	1	(piezoelectric) and (atomization) and pressure and sensor and battery and reed	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:14
S84	27	(piezoelectric) and (atomization) and pressure and sensor and battery and hall	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:14
S85	1	(piezoelectric) and (atomization) and pressure and sensor and battery and hall near device	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:15
S86	14	(piezoelectric) and (atomization) and pressure and sensor and battery and vapor near1 liquid	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:16

S87	1	(piezoelectric) and (atomization) and pressure and sensor and battery and vapor near1 liquid near separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:16
S88	9	(piezoelectric) and vapor near1 liquid near1 separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:16
S89	8	"2264746".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:30
S90	4488	atomiz\$7 and drug near2 delivery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:31
S91	116	atomiz\$7 and drug near2 delivery and pressure near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:31
S92	0	(drug near delivery) and vapor near1 liquid near1 separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:35
S93	0	(drug near2 delivery) and vapor near1 liquid near1 separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:35
S94	23	(drug medication) and vapor near1 liquid near1 separator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:35
S95	0	(piezoelectric) and separator and (battery cell) and atomization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:37
S96	106	(piezoelectric) and separator and (battery cell) and atomization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 13:37
S97	66	vapo\$1r near2 liquid near2 (barrier separator divider) same "check valve"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:03
S98	850	vapo\$1r near2 liquid near2 (barrier separator divider) same "valve"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:09

S99	21	vapo\$1r near2 liquid near2 (barrier separator divider) same "valve" and (inhaler nebulizer atomizer)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:09
S100	21	vapo\$1r near2 liquid near2 (barrier separator divider) same "valve" and (inhaler nebulizer atomizer)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:09
S101	16	vapo\$1r near2 liquid near2 (barrier separator divider) same "valve" and (drug)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:09
S102	214	vapo\$1r near2 liquid near2 (barrier separator divider) and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 14:17
S103	229	vapo\$1r near2 liquid near2 (barrier separator divider) and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:17
S104	2567	(vapo\$1r liquid) near2 (barrier separator divider) and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:22
S106	40	(vapo\$1r liquid) near2 (barrier separator divider) same "check valve" and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:24
S107	39	(vapo\$1r liquid) near2 (barrier separator divider) same "check valve" and (inhaler dispenser nebulizer atomizer "drug delivery" vaporizer aerosolizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:24

S108	1082	(vapo\$ liquid) near2 (barrier separator divider) and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:26
S109	698	(vapo\$ liquid) near1 (barrier separator divider) and (inhaler dispenser nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 14:27
S110	2	"4319155".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:03
S111	63	("2453595"   "3387607"   "3490697"   "3828357"   "3866831"   "4001650"   "4047992").PN. OR ("4319155").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/19 15:03
S112	46	(vapo\$ liquid) near1 (barrier separator divider) and (nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:20
S113	0	(vapo\$ and liquid) near1 (barrier separator divider) and (nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:20
S114	0	(vapo\$ liquid) near1 ("check valve") and (nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:20
S115	363	("check valve") and (nebulizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:20
S116	108	("check valve") and (nebulizer) and (ultrasonic piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:21
S117	4495	(nebulizer) and (ultrasonic piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:33
S118	150	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:33
S119	14	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector) and reed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:33

S120	14	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector) and "hall effect"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:33
S121	150	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 15:38
S122	48	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector) and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 16:55
S124	151	(nebulizer) and (ultrasonic piezoelectric "ink jet") and pressure near2 (sensor detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/20 10:36
S125	151	(nebulizer) and (ultrasonic piezoelectric "ink jet") and pressure near2 (sensor detector) not S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/20 10:36
S126	150	(nebulizer) and (ultrasonic piezoelectric) and pressure near2 (sensor detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/20 10:36
S127	1	(nebulizer) and (ultrasonic piezoelectric "ink jet") and pressure near2 (sensor detector) not S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/20 10:36
S128	65	(nebulizer) and (ultrasonic piezoelectric thermal) and pressure near2 (sensor detector) not S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/20 10:41
S129	84	("4334531"   "4682010"   "4719476"   "4719480"   "4735217"   "4877989"   "5038769"   "5078976"   "5144962"   "5338688").PN. OR ("5666977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 08:33

S130	9	("5269327"   "5591368"   "5613505"   "5666977"   "5692525"   "5845649"   "5865185"   "6125853"   "6155268").PN. OR ("6854470").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 08:37
S131	91	("1771366"   "1968509"   "2057353"   "2442004"   "2974669"   "3200819"   "3363633"   "3402723"   "3482580"   "3804100"   "3889690"   "4016061"   "4068672"   "4077784"   "4131119"   "4141369"   "4164230"   "4193411"   "4215708"   "4219032"   "4246913"   "4256945"   "4259970"   "4303083"   "4393884"   "4431903"   "4436100"   "4463247"   "4562337"   "4570646"   "4580583"   "4621649"   "4623401"   "4637407"   "4659912"   "4771796"   "4776353"   "4837421"   "4846199"   "4848376"   "4874924"   "4877989"   "4922901"   "4945931"   "4947874"   "4947875").PN. OR ("5269327").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 08:40
S132	77	nicotine near1 solution and "131".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 08:42
S133	107	nicotine near2 solution and "131".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:01
S134	0	nicotine near2 solution and "131".clas. not S133	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:01
S135	30	nicotine near2 solution and "131".clas. not S132	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:01
S136	201	nicotine near2 solution and smoking not S133	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:03
S137	53	nicotine near2 solution and smoking not S133	EPO; JPO; DERWENT	OR	OFF	2009/08/28 09:03

S138	10	("4945929"   "5080114"   "5743251"   "5894841"   "5095921"   "5322075"   "5666978"   "6040560"   "6196218"   "6854461").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:45
S139	53	("3863630"   "4294407"   "4301093"   "4632311"   "4877989"   "5038769"   "5134993"   "5152456"   "5186164"   "5261601"   "5452711"   "5485828"   "5487378"   "5522386"   "5529055"   "5601235"   "5694919"   "5724957"   "5823428"   "5829434"   "5881716"   "5894841"   "5970974"   "6062212"   "6131570"   "6196218").PN. OR ("6443146").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 13:55
S140	175	("4934358"   "4966579"   "4987861"   "5156776"   "5284133"   "5511726"   "5685485").PN. OR ("5894841").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 14:11
S141	0	porous near2 supply and inhaler	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 14:58
S142	17	(US-20090126745-\$ or US-20090095311-\$ or US-20070267031-\$ or US-20060196518-\$ or US-20050016550-\$ or US-20090188490-\$ or US-20060191546-\$ or US-20050236006-\$). did. or (US-4848374-\$ or US-5666977-\$ or US-6443146-\$ or US-6196218-\$ or US-5894841-\$ or US-6357671-\$ or US-5063922-\$ or US-6854470-\$).did. or (JP-09075058-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2009/08/28 14:59
S143	10	S142 and porous	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 14:59



S144	2891	colpitts near1 oscillator same piezoelectric	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:11
S145	2891	colpitts near1 oscillator same piezoelectric and atomization	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:11
S146	0	colpitts near1 oscillator same piezoelectric and atomization	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:11
S147	0	colpitts near1 oscillator same piezoelectric	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:11
S148	0	colpitts near1 oscillator same piezoelectric	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:11
S149	51	colpitts near1 oscillator same piezoelectric	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 15:12
S152	1	sensor same pressure same ripple near1 film	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 16:26
S153	1	sensor same pressure same ripple near1 film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:26
S154	1	sensor same ripple near1 film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:26
S155	156	pressure same sensor same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:32
S156	0	pressure same sensor same diaphragm same reed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:32
S157	156	pressure same sensor same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:32
S158	498	pressure same sensor same "reed switch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:35
S159	27	pressure same sensor same "hall device"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:36
S160	12	pressure same sensor same "hall device" and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:38

S161	1	pressure same sensor same "hall device" same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:38
S162	1	pressure same sensor same "hall device" same triode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:38
S163	38	pressure same sensor same triode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:39
S164	2793	pressure same sensor same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:42
S165	177	pressure same sensor same diode same film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:43
S166	55	pressure near1 sensor same diode same film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:44
S167	1072	pressure near1 sensor same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:44
S168	148	pressure near1 sensor same reed near1 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:45
S169	0	pressure near1 sensor same reed near1 switch and inhaler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:46
S170	0	pressure near1 sensor same reed near1 switch and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:46
S171	0	pressure near1 sensor same (reed near1 switch) and atomizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:46
S172	0	pressure near1 sensor same (reed near1 switch) and negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:47
S173	37	pressure near1 sensor same (reed near1 switch) and negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:47

S174	312	pressure near1 sensor and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:48
S175	0	pressure near1 sensor same reed and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:50
S176	9	pressure near1 sensor same hall and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:51
S177	8	"2264746".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:56
S178	0	pressure near1 sensor same hall and atmozier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:57
S179	0	pressure near1 sensor same hall and atomozier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:57
S180	1	pressure near1 sensor same hall and atomizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:57
S181	0	pressure near1 sensor same diode and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:58
S182	0	pressure near1 sensor same triode and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:58
S183	2	pressure near1 sensor same diode and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:58
S184	0	pressure near1 sensor same triode and nebulizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/28 16:59

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